

SEISMIC FLAGGING

Flagging is used in most survey and engineering applications. In this case the focus is on Geophysical Oil Exploration.

Flagging is used on a seismic crew to signal or show crew personnel where various items on the crew are located and their meaning. The different colors have unique meanings.

Flagging is put out on the project terrain by Surveyors to mark sources, receivers and other items. Some can be put out on a 3 foot lath as much as 55 feet apart or up to 220 feet apart. A different mark is needed for Energy Source point and Energy Receiver Points so much of the area can have a lot of flagging.

Permit people use the colors on landowner's entry gate and to mark anything else pertaining to the landowner. Other people may use certain colors to mark Danger or Caution points.

In some cases "Pin Flags" are used at each point. This is a 3.5 inch square piece of colored flagging glued to the top end of a piece of wire. The flags colors are the same as ribbon flagging.

All the flagging must be removed to clean up the project. On a large crew, miles of the different colors are used in lengths from a few inches, to up to two feet.

A problem can arise when animals or cattle eat the flagging. Vandals can also be a problem.

Much of the uses for flagging are disappearing on the modern crew as GPS is replacing it.

Some of the various uses are depicted below but the meanings of the colors can change between crew and clients so they differ from a neighboring crew.

SEISMIC FLAGGING

Flagging use was different between some contractor or surveyors.

If another crew had been in the area or was there at the same time, a different convention would be used.

Flagging: Industry Standard

Source: Orange
Receivers: Pink
Access: Blue and White
Hazard: Red and White Striped, sometimes Yellow

Dawson Standard:

Source: Pink
Receivers: Orange
Access: Blue and White (Permitted)
Hazard: Red and White Striped

Dawson is opposite of the Industry

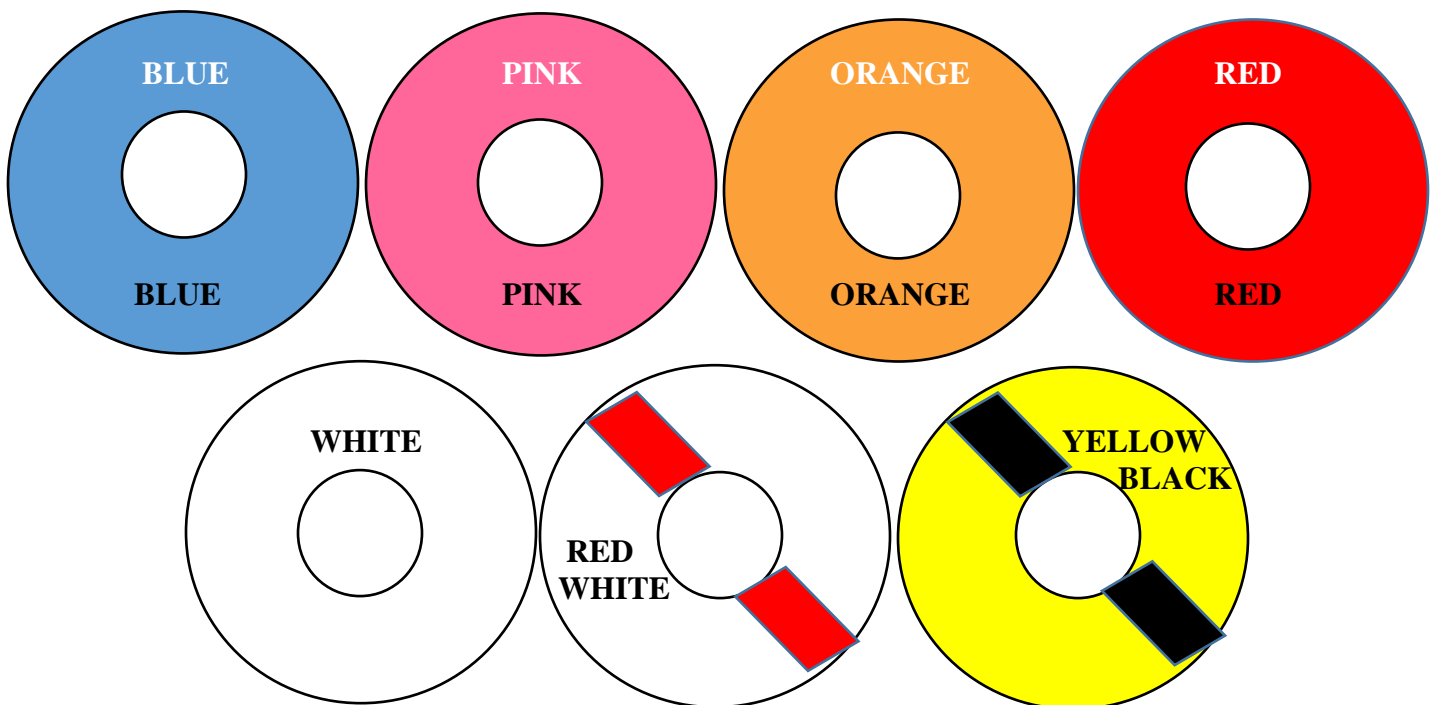
Some other ones:




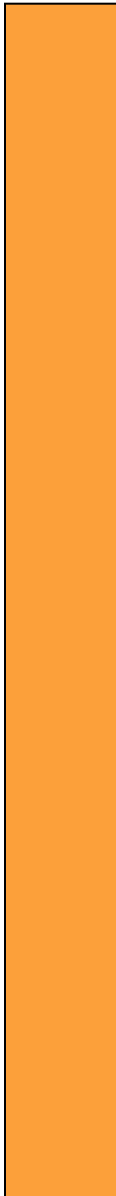

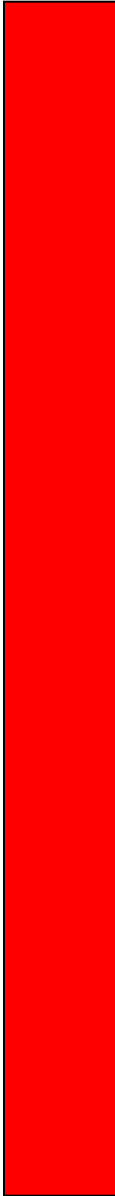
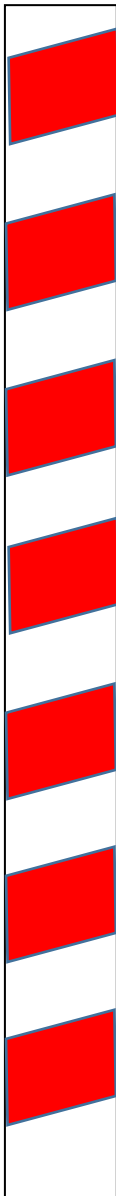
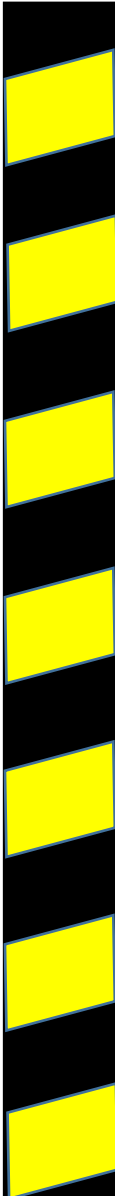
Red: Station (Shot Point or Vibrator Point)
Blue: Receiver Lines
Orange: Source Lines (VP)
Orange on Lath: Vibrator Point

White & Blue Stripe: Permit Gate

White & Red Stripe: Danger

Yellow & Black Stripe: Caution



Blue	Blue/White	Pink	Orange	White	Red	Red/White	Yellow/Black
							
Access or Receiver (Dawson)	Access	Source or Receiver	Receiver	Access	Station SP or VP (Dawson)	Danger	Caution

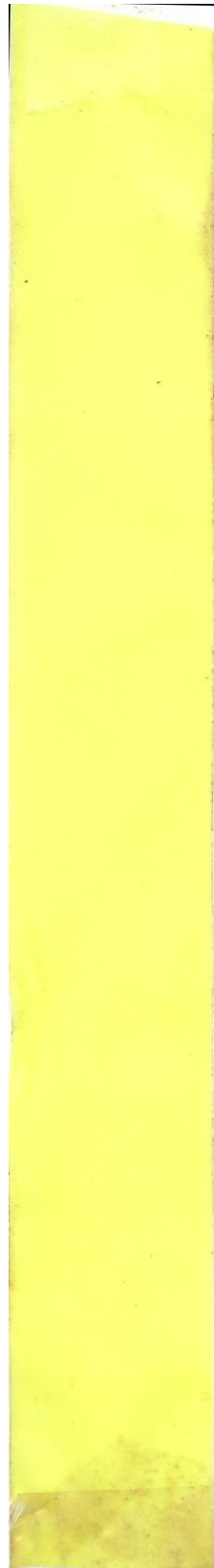
ACTUAL PIECES OF FLAGGING



Red

Pink

Yellow



Station (SP or Vp)

Source or Receiver

Other

FLAGGING ROLLS



FLAGGING ROLLS



Danger

Caution



Danger

Caution

